

## Claims

1. Method for video object monitoring with a mobile communication system, wherein for transmitting video data via the mobile communication system (3) a connection is set up between a transmitter (2) provided with a video camera (1) and at least one receiver (4), characterized in that before or while the connection is set up, a device of the mobile communication system (3) checks if the receiver (4) is authorized to receive video data from the transmitter (2).
2. Method according to claim 1, characterized in that a subscriber relationship (8 and 9, respectively) of the mobile communication system (3) is associated with a corresponding transmitter (2) and receiver (4), wherein the two subscriber relationships are linked in a database (7) of the operator (11) of the mobile communication system, and that the authorization of the receiver is checked based on the linked data.
3. Method according to one of the preceding claims, characterized in that temporary IP addresses are associated with each of the transmitter (2) and the receiver (4), wherein the two IP addresses are linked with each other in a database (7) of the operator (11) of the mobile communication system, and that the authorization of the receiver is checked based on the linked data.
4. Method according to one of the preceding claims, characterized in that information about an international mobile subscriber identification (IMSI) and/or a mobile subscriber telephone number (MSISDN) and/or an IP address assigned to the transmitter (2) and the receiver (4) are stored in the database (7).
5. Method according to one of the preceding claims, characterized in that a connection between transmitter (2) and receiver (4) is set up by dialing the associated mobile subscriber telephone number (MSISDN) or an IP address.

6. Method according to one of the preceding claims, characterized in that routing rules for transmitting video data between the transmitter (2) and receiver (4) are stored in the database (7).

7. Method according to one of the preceding claims, characterized in that a corresponding subscriber identification module SIM (5, 6) of the mobile communication system (3) are required for operating the transmitter (2) and the receiver (4).

8. Method according to one of the preceding claims, characterized in that access to the mobile communication system (3) is controlled in the form of an identification and authentication of the transmitter (2) and the receiver (4) based on the data stored on the subscriber identification module (5, 6).

9. Method according to one of the preceding claims, characterized in that a connection is set up or data are transmitted only upon a request from the transmitter (2) and/or the receiver (4).

10. Method according to one of the preceding claims, characterized in that a connection is set down or data are transmitted between transmitter (2) and receiver (4) only based on a triggering event.

11. Method according to one of the preceding claims, characterized in that audio data and/or data from sensors located on the transmitter-side are transmitted in addition to the video data.

12. Method according to one of the preceding claims, characterized in that the mobile communication system (3) is implemented as a GSM or UMTS mobile communication system.

13. Method according to one of the preceding claims, characterized in that the video data are transmitted in form of transmission protocols that are standardized for use in

the mobile communication system (3).

14. Device for carrying out the method according to one of the claims 1 to 13, characterized by:

a transmitter (2) provided with a video camera (1) for recording video data,

at least one receiver (4) capable of receiving the video data,

a mobile communication system (3) for transmitting the video data between the transmitter and the receiver,

a database (7) connected to the mobile communication system for storing data that identify the transmitter and the receiver, and

a device (10) for checking, based on the data stored in the database (7), if the receiver is authorized to receive the video data from the transmitter.